

II. AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior versions, and listings, of claims in the application.

LISTING OF THE CLAIMS

1. **(Currently Amended)** A method of separating a selected ionic protein component from a sample using an ionic adsorbent in the absence of an additional salt that binds with the ionic adsorbent which comprises the steps of:

(a) contacting the sample containing the selected ionic protein component with an ionic adsorbent ~~whose~~ having a charge density that selectively binds is such that to the selected ionic component is bound selectively to the ionic adsorbent in the absence of an added second ionic component that competitively binds the adsorbent in the absence of an additional salt that binds with the ionic adsorbent; wherein the charge density of the ionic adsorbent is 10 to 100 $\mu\text{mol/ml}$; and

(b) binding the selected ionic protein component with the ionic adsorbent.

2. **(Previously Amended)** A method according to claim 1, wherein the ionic adsorbent is a cation-exchange adsorbent.

3. **(Currently Amended)** A method according to claim 1, wherein the ionic adsorbent comprises a sulphopropyl group.

4. **Cancelled.**

5. **(Currently Amended)** A method according to claim 1, wherein the sample comprises ~~two~~ an additional ionic components, and wherein the charge density of the ionic adsorbent is selected such that only the selected ionic component ~~one of the two components~~ is bound to the ionic adsorbent.

6. **(Previously Amended)** A method according to claim 1, wherein the selected ionic component is a protein.

7. **(Previously Amended)** A method according to claim 6, wherein the protein is an immunoglobulin.
8. **(Previously Amended)** A method according to claim 6, wherein the sample comprises, in addition to the protein, protein A.
9. **(Previously Amended)** A method according to claim 1, which further comprises eluting the bound component.
10. **(Currently Amended)** A method according to claim 1, wherein the charge density of the ionic adsorbent is from ~~about~~ 20 to ~~about~~ 90 $\mu\text{mol/ml}$.
11. **(Currently Amended)** A method according to claim 1, wherein the charge density of the ionic adsorbent is from ~~about~~ 30 to ~~about~~ 80 $\mu\text{mol/ml}$.
12. **(New)** A method of separating a selected ionic polymeric compound from a sample having at least two ionic polymeric compounds using an ionic adsorbent in the absence of an additional salt that binds with the ionic adsorbent, comprising the step of:
 - (a) contacting the sample having at least two ionic polymeric compounds with an ionic adsorbent in the absence of an additional salt that binds with the ionic adsorbent, wherein the charge density of the ionic adsorbent is selected such that only the selected ionic polymeric compound is bound to the ionic adsorbent.
13. **(New)** The method according to claim 12, wherein the ionic adsorbent comprises a sulphopropyl group.
14. **(New)** The method according to claim 12, wherein the ionic adsorbent is a cation-exchange adsorbent.
15. **(New)** A method of separating a selected ionic biomolecule from a sample having at least two ionic biomolecules using an ionic adsorbent in the absence of an additional salt that binds with the ionic adsorbent, comprising the step of:

(a) contacting the sample having the at least two ionic biomolecules with an ionic adsorbent in the absence of an additional salt that binds with the ionic adsorbent, wherein the charge density of the ionic adsorbent is selected such that only the selected ionic biomolecule is bound to the ionic adsorbent.

16. (New) The method according to claim 15, which further comprises eluting the bound selected ionic biomolecule.

17. (New) The method according to claim 15, wherein the ionic adsorbent is a cation-exchange adsorbent.

18. (New) The method according to claim 15, wherein the ionic adsorbent comprises a sulphopropyl group.

19. (New) The method according to claim 15, wherein the sample is selected from the group consisting of blood and cell culture broths.

20. (New) The method according to claim 15, wherein one of the ionic biomolecules is protein A and the second ionic biomolecule is immunoglobulin.